

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING ERROR REPORT**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:**

Application Serial Number: 10/586,245  
Source: JFwp  
Date Processed by STIC: 7/26/06

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/10/06

## Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>10/586,245</u>
<b>ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE</b>		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor <b>after</b> creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line <b>not exceed</b> 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do <b>not</b> use tab codes between numbers; use <b>space characters</b> , instead.	
4 <input checked="" type="checkbox"/> Non-ASCII	The submitted file was <b>not</b> saved in ASCII(DOS) text, as <b>required</b> by the Sequence Rules. <b>Please ensure your subsequent submission is saved in ASCII text.</b>	
5 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. <b>Per Sequence Rules, each n or Xaa can only represent a single residue.</b> Please present the <b>maximum</b> number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. <b>This applies to the mandatory &lt;220&gt;-&lt;223&gt; sections for Artificial or Unknown sequences.</b>	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for <b>each</b> skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to <b>include</b> the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If <b>intentional</b> , please insert the following lines for <b>each</b> skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of <b>n</b> or <b>Xaa</b> , and which residue <b>n</b> or <b>Xaa</b> represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the <b>only valid</b> <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is <b>required</b> when <213> response is Unknown or is Artificial Sequence. (see item 11 below)	
11 <input type="checkbox"/> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can <b>only</b> represent a single <u>nucleotide</u> ; "Xaa" can <b>only</b> represent a single <u>amino acid</u>	



IFWP

**RAW SEQUENCE LISTING**  
PATENT APPLICATION: US/10/586,245

DATE: 07/26/2006  
TIME: 14:00:36

Input Set : A:\PTO.DA.txt  
Output Set: N:\CRF4\07262006\J586245.raw

*See item 4 on  
Error Summary  
Sheet*

3 <110> APPLICANT: Consejo Superior de Investigaciones Cientificas  
 5 <120> TITLE OF INVENTION: GENERATION OF SPECIFIC ADHESION IN GRAM-NEGATIVE BACTERIA BY  
 MEANS  
 6 OF FIXING IMMUNOGLOBULIN SINGLE DOMAINS ON THEIR SURFACE WITH  
 7 AUTOTRANSPORTERS  
 9 <130> FILE REFERENCE: P1375PC  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/586,245  
 C--> 11 <141> CURRENT FILING DATE: 2006-07-11  
 11 <150> PRIOR APPLICATION NUMBER: ES P200400073  
 W--> 12 <151> PRIOR FILING DATE: 2004-01-14 ~~(January 14, 2004)~~ delete 2004-01-14 is the  
 14 <160> NUMBER OF SEQ ID NOS: 10  
 16 <170> SOFTWARE: PatentIn version 3.1

*see pg 1,3,5-6*

*format.*

#### ERRORED SEQUENCES

18 <210> SEQ ID NO: 1  
 19 <211> LENGTH: 5587  
 20 <212> TYPE: DNA  
 21 <213> ORGANISM: Artificial  
 W--> 23 <220> FEATURE:  
 23 <223> OTHER INFORMATION: DNA sequence of plasmid pVamyB

W--> 25 <400> SEQUENCE: 1

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27 gagtcattc aggggttgta atgtgaaacc agtaacgtta tacatgttcg cagagtatgc	120
28 cgggtctct tatcagaccg tttcccgctt ggtgaaccag gccagccacg tttctgcgaa	180
29 aacgcgggaa aaagtgaag cgccgtatggc ggagctgaat tacattccca accgcgtggc	240
30 aacaacaactg gcccccaaac agtcgttgct gattggcggtt gccaccccca gtctggccct	300
31 gcacgcgcgc tcgcaaattt tcgcggcgat taaaatctcgcc gccgatcaac tgggtgccag	360
32 cgtgggtgt tcgatggtag aacgaaggcg cgtcgaagcc tgtaaagcgg cggtgcacaa	420
33 tcttcgcgtca caacgcgtca gtgggctgat cattaactat ccgctggatg accaggatgc	480
34 cattgtgtg gaagctgcct gcaactaatgt tccggcgat tttcttgatg tctctgacca	540
35 gacacccatc aacagtttata ttttctccca tgaagacggt acgcgactgg gctggagca	600
36 tctggtcgca ttgggtcacc agcaaattcg cgtttagcg ggcccattaa gttctgtctc	660
37 ggcgcgtctg cgtctggctg gctggcataa atatctact cgcaatcaa ttccggcgat	720
38 agcggAACGG gaaggcgact ggagtgcattt gtccgggttt caacaaacca tgcaaatgct	780
39 gaatgagggc atcgttccca ctgcgtatgtt ggttgcacac gatcagatgg cgctggcgcc	840
40 aatgcgcgcc attaccgagt cccggctgcg cgttgggtgcg gacatctcg tagtggata	900
41 cgacgatacc gaagacagct catgttatat cccgcgtta accaccatca aacaggattt	960
42 tcgcctgtg gggcaaaccg gctggacccg cttgtgcacat ctctctcagg gcccggcggt	1020
43 gaaggggcaat cagctgtgc cctgtctact ggtaaaaaga aaaaccaccc tggcccccac	1080
44 tacgcaaaacc gcctctcccc ggcgcgttggc cgattcatta atgcagctgg cacgacaggt	1140
45 ttcccgactg gaaagccggc agtgagcggt acccgataaa agcggcttcc tgacaggagg	1200
46 ccgtttgtt ttgcagccca cctcaacgca attaatgtga gttagctcac tcattaggca	1260

*Does Not Comply  
Corrected Diskette Needed*

*Insert <220> whenever <221>, <222>, or <223>  
is shown.*

*<220>  
is a header  
only.*

*It never  
has a  
response*

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/586,245

DATE: 07/26/2006  
TIME: 14:00:36

Input Set : A:\PTO.DA.txt  
Output Set: N:\CRF4\07262006\J586245.raw

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48	caatttcaca caggaaacag ctatgaccat gattacgaat ttcttagataa cgagggcaaa	1380
49	tcatgaaaata cctattgcct acggcagccg ctggattgtt attactcgcg gcccagccgg	1440
50	ccatggctca ggtgcagctg gtggagtctt ggggaggctc ggtgcaggtt ggggggtctc	1500
51	ttagactctc ctgcacagcc cctggattca cctccaatag ctgccgcatt gactggtacc	1560
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53	gctatgcaga ctccgtgaag ggccgattca ccattccaa agacaaagcc aaggacacgg	1680
54	tgtatctgca aatgaacacgc ctgaaaacctg aggacacggc catctattac tgtgccgtga	1740
55	ggacgaatgg gtatcgccg caatctcacg aatttcgcta ctggggcccg gggacccagg	1800
56	tcaccgtctc ctcagccgcg cggcgctcg gggccgaatt cgtcgacgtt ggcgcgggtc	1860
57	cgtatccgga tccgctggaa ccgatcgaca attcagccgc aatttagtatg gcaaatccac	1920
58	gtccaccaac accgcgggtc gctgcggccg tatttcattt ggtgattt gatgaaaag	1980
59	acaatagtga atcatcaata ggttaatttag ctcgtgtaat acctagaatg ggaagggag	2040
60	taattaatga ttatgaagaa atcccccttgg aggagttgga agatgaagcg gaagaagaac	2100
61	gtgcccaagc aacgcattc cactccaaa gtcgttaaccg tagagctata tcattcgaaac	2160
62	catcatctga tgaagatgca tctgaatcggttccacatc agacaaacac cctcaagata	2220
63	atacggaaact tcatgaaaaa gttgagacgg cgggttaca accaagagcc ggcgcagccgc	2280
64	gaacccaagc cgccgcgca gccgatgcag tcagcaccaa tactaactcg gctttatctg	2340
65	acggcaatggc aaggcaggcaatctatcttcttggatacagg tgcttactta acacggqaca	2400
66	tgtgcacaadaa accacacyct gatgcggaaa aaaacagtgtt tggtatgtca aacacccgtt	2460
67	atggccgtga ttatgttcc gcaacaatatac gccgggtttag ttgaaacgc acgcaaaacac	2520
68	aaatcggcat tgaccgcgc ttgtccgaaa atatgcagat aggccggagta ttgacttact	2580
69	ctgacagtca gcatactttt gatcaggcgg gcccggaaaaa tacttttgtt caagccaaacc	2640
70	tttatggtaa gtattatTTT aatgtatgtt ggtatgtggc cggcgatatt ggtgcgggca	2700
71	gcttgagaag ccggttacaa acgcggcaaa aagcaactt taaccgaaca agcatccaaa	2760
72	ccggccttac tttggcaat acgctgaaaaa tcaatcaattt cgagattgtc cctagtgcgg	2820
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74	taagttctat ggcagtgaaa acactaacgg ccggactgga ttttgcattt cgggttaaag	2940
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76	gcggcgtgaa tttggccgtt aaatccctcg cctataaagc agataatcaa cagcaatatt	3060
77	cagcaggcgt cgcgttactg taccgttaatg ttacattaaat cgttaatggc agtattacaa	3120
78	aaggaaaaaca attgaaaaaa caaaaatccg gacaattaa aatacagatt cgtttctaaa	3180
79	ataccaaattt catagggaaaa taaaatccg tctgaactca agcttgactt gtgaagtgaa	3240
80	aaatggcgca cattgtgcga cattttttt gtcgtccgtt taccgtact ggcgtacgg	3300
81	tcccccacgcg ccctgttagcg ggcattaaag cgcggccgggt gtgggtgtt cgcgcagcgt	3360
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87	tttataaggg attttgcga ttgcggccta ttggtaaaaa attagactgtat ttaacaaaaa	3720
88	atttaacgcg aatttttaca aataattttac gtttacaattt tcaggtggca ctttcgggg	3780
89	aaatgtgcgc ggaaccctta ttgttttattt tttctaaata cattcaaata tttatccgct	3840
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91	gcgtatccatcg agatccatcg gagctaaaggagactaaaatg gagaaaaaaa	3960
92	tcactggata taccaccgtt gatatatccc aatggcatcg taaagaacat ttggaggcat	4020
93	ttcagtcaatgtt acctataacc agaccgttca gctggatatt acggcccttt	4080
94	taaaagaccgt aaagaaaaat aagcacaatgtt tttatccggc ctttattcac attcttgcgg	4140
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RAW SEQUENCE LISTING  
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96	gggatagtgt tcacccttgt tacaccgtt tccatgagca aactgaaacg ttttcatgc	4260
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111	gtagtttaggc caccacttca agaactctgt agcaccgcct acatacctcg ctctgcta	5160
112	cctgttacca gtggctgctg ccagtgccga taagtctgtt cttaccgggt tggactcaag	5220
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114	cagcttggag cggaaacgaccc acacccgaaact gagataccta caggtgtgac tatgagaaag	5340
115	cgccacgcgc cccyaayyya yaaayggcggc caggtatccg gtaagcggca ggggtcggaauc	5400
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117	gttgcacac ctctgacttgc agcgtcgatt tttgtatgc tcgtcagggg ggcggagcct	5520
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122 <210> SEQ ID NO: 2

123 <211> LENGTH: 5563

124 <212> TYPE: DNA

125 <213> ORGANISM: Artificial

*insert*

w--> 127 <220> FEATURE:

127 <223> OTHER INFORMATION: DNA sequence of plasmid pVLMB10a

OK>

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144	aatgcgcgc attaccgagt ccgggctgcg cgttggatgc gacatctcg tagtgggata	900
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## RAW SEQUENCE LISTING

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Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\07262006\J586245.raw

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150 ccgttttgtt	ttgcagccca	cctcaacgca	attaatgtga	gttagctcac	tcattaggca	1260
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161 tcgacaattc	agccgcaatt	agtatggcaa	atccacgtcc	accaacaccg	cgggtcgctg	1920
162 cggccgtatt	ttcatggat	gattatgtg	caaagacaa	tagtgaatca	tcaataggt	1980
163 attagctcg	tgtatcacct	agaatggaa	gggagttat	taatgattat	gaagaaatcc	2040
164 ctttggagga	gttggagat	gaagcggaa	aagaacgtcg	ccaagcaacg	caattccact	2100
165 ccaaaaagtgc	taaccgtaga	gttatatatcat	cggaaccatc	atctgatgaa	gatgcatctg	2160
166 aatcggttcc	cacatcagac	aaacacccctc	aagataatac	ggaacttcat	aaaaaagttg	2220
167 agacggcggg	tttacaacca	agagccgcgc	agccgcgaa	ccaagccgc	gcgcagccg	2280
168 atgcagtca	caccaatact	aactcggctt	tatctgacgc	aatggcaagc	acgcaatcta	2340
169 tcttgggtt	ttttgtgtt	ttttgtgtt	tttttttttt	tttttttttt	tttttttttt	2400
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171 aatatcgccg	gttttagttcg	aaacgcacgc	aaacacaaat	ccgcatttgc	cgccagttgt	2520
172 ccgaaaatata	gcagataggc	ggagtattga	cttactctga	cagtccat	acttttgatc	2580
173 aggccccccg	aaaaataact	tttgcgtcaag	ccaaacctta	tggtaagttat	tattnaatg	2640
174 atgcttggta	tgtggccggc	gatattgggt	cgggcagtt	gagaagccgg	ttacaaacgc	2700
175 agcaaaaagc	aaactttaac	cgaacaagca	tccaaaccgg	ccttacttgc	ggcaataacgc	2760
176 tggaaaatcaa	tcaattcgag	attgtccctt	gtgcgggtat	ccgttacagc	cgcctgtcat	2820
177 ctgcagattt	caagttgggt	gacgacagt	ttaaagtaag	ttctatgcac	gtggaaaacac	2880
178 taacggccgg	actggatttt	gtttatcggt	ttaaagtcgg	caaccttacc	gtaaaacccct	2940
179 ttttatctgc	agcttacttt	gccaattatg	gcaaaaggccg	cgtgaatgt	ggccgttaat	3000
180 ctttcgccta	taaaggcagat	aatcaacacgc	aatattcagc	aggcgtcgcc	ttactgtacc	3060
181 gtaatgttac	attaaacgta	aatggcagta	ttacaaaagg	aaaacaatttgc	aaaaacaaaa	3120
182 aatccggaca	aattaaaata	cagattcggt	tctaaaatac	caaattcata	gaaaaataaa	3180
183 atgcgtctg	aactcaagct	tgacctgtga	agtggaaaat	ggcgcacatt	gtgcgcatt	3240
184 tttttgtct	gccgttacc	gttactcggt	cacggatccc	cacgcgcctt	gtagccgcgc	3300
185 attaagcgcg	gcgggtgtgg	ttgttacgcg	cagcgatggc	gttacacttgc	ccagccgcct	3360
186 agcggccgcgt	cttttcgtt	tcttcccttc	cttttcgtcc	acgttccgcg	gtttcccccgc	3420
187 tcaagctcta	aatcgccccca	tcccttttagg	gttccgattt	agtgttttgc	ggcacctcgaa	3480
188 ccccaaaaaa	tttgattttagg	gtgtatgggtc	acgtatgtgg	ccatcgccct	gataagacggt	3540
189 ttttcgcctt	ttgacgttgg	agtccacgtt	ctttaatagt	ggactcttgt	tccaaacttgg	3600
190 aacaacactc	aaccctatct	cggtcttattc	ttttgattta	taagggattt	tgccgatttc	3660
191 ggcctattgg	ttaaaaaatg	agctgattta	acaaaaattt	aacgcgaatt	ttaacaaaat	3720
192 attaacgttt	acaatttcag	gtggcactt	tcggggaaat	gtgcgcgaa	cccttatttg	3780
193 ttatattttc	taaatacatt	caaataatgt	tccgctcatg	tcgagacgtt	gggtgagggtt	3840
194 ccaactttca	ccataatgaa	ataagatcac	tacggggcgt	attttttgag	ttatcgagat	3900
195 tttcaggaggc	taaggaagct	aaaatggaga	aaaaaatcac	tggatataacc	accgttgata	3960
196 tatcccaatg	gcatcgaaa	gaacattttg	aggcatttca	gtcagttgt	caatgttac	4020

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/586,245

DATE: 07/26/2006  
TIME: 14:00:36

Input Set : A:\PTO.DA.txt  
Output Set: N:\CRF4\07262006\J586245.raw

197 ataaccagac cgttcagctg gatattacgg ccttttaaa gaccgtaaaag aaaaataagc	4080
198 acaagttta tccggcctt attcacattc ttgcccgcct gatgaatgct catccggagt	4140
199 tccgtatggc aatgaaagac ggtgagctgg tgatatggaa tagtggcac ccttgtaca	4200
200 ccgtttcca tgagcaaact gaaacgttt catcgctcg gagtgaatac cacgacgatt	4260
201 tcggcagtt tctacacata tattcgcaag atgtggcggt ttacggtaaa aacctggcct	4320
202 attccctaa agggttatt gagaatatgt ttttcgtc agccaatccc tgggtgagtt	4380
203 tcaccagtt tgatttaaac gtggccaata tggacaactt ctgcqcccc gtttccacca	4440
204 tggcaataa ttatacgcaa ggccgacaagg tgctgatgcc gctggcgatt caggttcatc	4500
205 atgcccgtctg tcatggcttc catgtcgccaa gaatgcttaa tgaattacaa cagactgcg	4560
206 atgagtggca gggcggggcg taatttttt aaggcagttt ttgggtgcct taaacgcctg	4620
207 gtgtacgccc tgaataagtataataaagcg gatgaatggc agaaattcga aagcaaatc	4680
208 gacccggtcg tcgggtcagg gcagggtcgt taaatagccg cttatgtcta ttgctggttt	4740
209 accggtttat tgactaccgg aagcagtgtg accgtgtgt tctcaatgc ctgaggccag	4800
210 tttgctcagg ctctccccgt ggaggtaata attgctcgac atgacaaaaa tcccttaacg	4860
211 ttagtttcg ttccactgag cgtcagaccc cgtagaaaaag atcaaagat ctcttgaga	4920
212 tcctttttt ctgcgcgttaa tctgctgcctt gcaaaaaaa aaaccaccc taccagcggt	4980
213 ggtttgtttt ccggatcaag agctaccaac tcttttccg aaggtaactg gcttcagcag	5040
214 agcgcagata ccaaataactg tccttctagt gtagccgtag ttaggccacc acttcaagaa	5100
215 ctctgttagca ccgcctacat acctcgctct gctaattccgtt ttagccgtgg ctgtgcgcag	5160
216 tggcgataay cccgggttttggta ctcaagacga tagttacccg ataagggcga	5220
217 ggggtcggggc tgaacggggg gttcgtgcac acagcccgac ttggagcgaa cgacctacac	5280
218 cgaactgaga tacctacagc gtgagctatg agaaagcgcc acgcttcccg aaggagaaaa	5340
219 ggcggacagg tatccgtaa gcggcagggt cggaacagga gagcgcacga gggagcttcc	5400
220 agggggaaac gcctgtatc tttatagttc tgtcggttt cggccacctt gacttgagcg	5460
221 tcgattttg tcatgtcgat cagggggggc gacccatgg aaaaacgcac gcaacgcggc	5520
222 cttttacgg ttctggcct tttgctggcc tttgctcac atg	5563

225 <210> SEQ ID NO: 3

226 <211> LENGTH: 47

227 <212> TYPE: DNA

228 <213> ORGANISM: Artificial

*insert C2207*

W--> 230 <220> FEATURE:

230 <223> OTHER INFORMATION: Primer VHHA1

EK-> 232 <400> SEQUENCE: 3

233 ctatgcggcc cagccggcca tggctcaggt gcagctggtg gagtctt

47

236 <210> SEQ ID NO: 4

237 <211> LENGTH: 21

238 <212> TYPE: DNA

239 <213> ORGANISM: Artificial

*insert C2207*

W--> 241 <220> FEATURE:

241 <223> OTHER INFORMATION: Primer GEN III-Rev

EK-> 243 <400> SEQUENCE: 4

244 accctcatag ttacgttaac g

21

247 <210> SEQ ID NO: 5

248 <211> LENGTH: 44

249 <212> TYPE: DNA

250 <213> ORGANISM: Artificial

*insert C2207*

W--> 252 <220> FEATURE:

252 <223> OTHER INFORMATION: Primer Linker-A48-VamyA

EK-> 254 <400> SEQUENCE: 5

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/586,245

DATE: 07/26/2006  
TIME: 14:00:36

Input Set : A:\PTO.DA.txt  
Output Set: N:\CRF4\07262006\J586245.raw

255 ggccgtccga ctgcttaactc tggacaggtg cagctggtgg agtc	44
258 <210> SEQ ID NO: 6	
259 <211> LENGTH: 30	
260 <212> TYPE: DNA	
261 <213> ORGANISM: Artificial	
<b>W--&gt; 263 &lt;220&gt; FEATURE:</b>	<i>insert 2207</i>
263 <223> OTHER INFORMATION: Primer Vamy-Not	
<b>OK&gt; 265 &lt;400&gt; SEQUENCE: 6</b>	30
266 gagtcattct gcggccgctg aggagacggt	
269 <210> SEQ ID NO: 7	
270 <211> LENGTH: 60	
271 <212> TYPE: DNA	
272 <213> ORGANISM: Artificial	
<b>W--&gt; 274 &lt;220&gt; FEATURE:</b>	<i>insert 2207</i>
274 <223> OTHER INFORMATION: Primer Linker-A48	
<b>OK&gt; 276 &lt;400&gt; SEQUENCE: 7</b>	60
277 accccgtctc acaactcccc caaggttcca tccgcaggcg gtccgactgc taactctgga	
280 <210> SEQ ID NO: 8	
281 <211> LENGTH: 37	
282 <212> TYPE: DNA	
283 <213> ORGANISM: Artificial	
<b>W--&gt; 285 &lt;220&gt; FEATURE:</b>	<i>insert 2207</i>
285 <223> OTHER INFORMATION: Primer Linker -A48-Vamy-eag1	
<b>OK&gt; 287 &lt;400&gt; SEQUENCE: 8</b>	37
288 attactcgcc ggcgggtacc ccgtctcaca actcccc	
291 <210> SEQ ID NO: 9	
292 <211> LENGTH: 33	
293 <212> TYPE: DNA	
294 <213> ORGANISM: Artificial	
<b>W--&gt; 296 &lt;220&gt; FEATURE:</b>	<i>insert 2207</i>
296 <223> OTHER INFORMATION: Primer VL1	
<b>OK&gt; 298 &lt;400&gt; SEQUENCE: 9</b>	33
299 gagtcattct agaggaggct ttttttttggaa gat	
302 <210> SEQ ID NO: 10	
303 <211> LENGTH: 26	
304 <212> TYPE: DNA	
305 <213> ORGANISM: Artificial	
<b>W--&gt; 307 &lt;220&gt; FEATURE:</b>	<i>insert 2207</i>
307 <223> OTHER INFORMATION: Primer VL2	
<b>OK&gt; 309 &lt;400&gt; SEQUENCE: 10</b>	26
310 ctgagatgag ttttttttgcggcc	

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/586,245

DATE: 07/26/2006  
TIME: 14:00:37

Input Set : A:\PTO.DA.txt  
Output Set: N:\CRF4\07262006\J586245.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:12 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:23 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:25 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:1  
L:127 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:129 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:2  
L:230 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:232 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:3  
L:241 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:243 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:4  
L:252 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5  
L:254 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:5  
L:263 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:265 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:6  
L:274 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:276 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:7  
L:285 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:287 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:8  
L:295 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
L:298 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:9  
L:307 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:309 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:10